

FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 00-838-Q (600.038)	Serial No. 10/656,270
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			
			
Applicant: Eckstein et al.			
Filing Date: September 5, 2003		Group: 1635	

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
DS	.	5,149,796	09/22/95	Rossi et al.			
DS	.	5,298,612	03/29/94	Jennings et al.			
DS	.	5,334,711	08/02/94	Sproat et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
DS	.	EP 0321201	12/21/94	EP (Gerlach et al.)				
DS	.	EP 0387775	09/19/90	EP (Beug et al.)				
DS	.	WO 88/04300	06/16/88	WO (Cech et al.)				
DS	.	WO 91/03162	03/21/91	WO (Rossi et al.)				
DS	.	WO 92/07065	04/03/92	WO (Eckstein et al.)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

DS	.	Baer et al., "Structure and Function of Bacterial RNase P," <u>Nucleic Acids and Molecular Biology</u> , Vol. 3, pp. 231-250, Eckstein and Lilley eds, Springer Verlag, Berlin/Heidelberg (1989)
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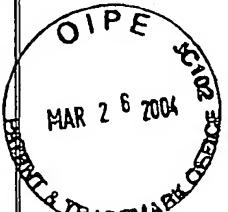
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DS	1.	Barinaga, "Ribozymes: Killing the Messenger," <u>Science</u> 262:1512-1514 (1993)
DS	·	Bass and Cech, "Ribozyme Inhibitors: Deoxyguanosine and Dideoxyguanosine Are Competitive Inhibitors of Self-Splicing of the <i>Tetrahymena</i> Ribosomal Ribonucleic Acid Precursor," <u>Biochemistry</u> 25:4473-4477 (1986)
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DS	·	Black et al., "The Antiviral Activity of Certain Thiophosphate and 2'-Chloro Substituted Polynucleotide Homopolymer Duplexes," <u>Virology</u> 48:537-545 (1972)
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DS	·	Cech, "Self-Splicing of Group I Introns," <u>Annu. Rev. Biochem.</u> 59:543-568 (1990)
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DS	·	Cedergren et al., "Abstract presentation at Cold Spring Harbor meeting: RNA Processing," May 16-20, 1990
DS	·	Cedergren et al., "Catalytic RNA as an Anti-HIV Agent: Design and Delivery to Cells," <u>Abstract NIH Conference</u> , October 21-24, 1990, San Diego, California
DS	·	Chowrira and Burke, "Binding and Cleavage of Nucleic Acids by the "Hairpin" Ribozyme," <u>Biochemistry</u> 30:8518-8522 (1991)

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DS	*	Chowrira et al., "Four Ribose 2'-Hydroxyl Groups Essential for Catalytic Function of the Hairpin Ribozyme," <i>J. Biol. Chem.</i> 268:19458-19462 (1993)
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DS	5.	Olsen & Eckstein, "Incomplete primer extension during <i>in vitro</i> DNA amplification catalyzed by <i>Taq</i> polymerase; exploitation for DNA sequencing," <i>Nucleic Acids Res.</i> , 17, 9613-9620 (1989)
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DS	•	Paoletta et al., "Nuclease Resistant Ribozymes with High Catalytic Activity," <i>EMBO Journal</i> 11:1913-1919 (1992)
DS	•	Perreault et al., "Mixed Deoxyribo- and Ribo-Oligonucleotides with Catalytic Activity," <i>Nature</i> 344:565-567 (1990) (often mistakenly listed as Perrault)
DS	•	Perreault et al., "Relationship between 2'-Hydroxyls and Magnesium Binding in the Hammerhead RNA Domain: A Model for Ribozyme Catalysis," <i>Biochemistry</i> 30:4020-4025 (1991)
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DS	•	Price and Cech, "Coupling of <i>Tetrahymena</i> Ribosomal RNA Splicing to β -Galactosidase Expression in <i>Escherichia coli</i> ," <i>Science</i> 228:719-722 (1985)
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DS	•	Uhlenbeck, "A Small Catalytic Oligoribonucleotide," <u>Nature</u> 328:596-600 (1987) (this is listed as Nature 327 in the various specifications, but it is actually 328)
DS	•	Uhlenbeck, <u>Proc. Natl. Acad. Sci. USA</u> , 87:1668-1672 (1990)
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DS	•	Verheyden et al., "Synthesis of Some Pyrimidine 2'-Amino-2'-deoxynucleosides," <u>J. Org. Chem.</u> 36:250-254 (1971)
DS	•	Williams et al., "Properties of 2'-Fluorothymidine-Containing Oligonucleotides: Interaction with Restriction Endonuclease EcoRV," <u>Biochemistry</u> , 20:4001-4009 (1991)
DS	•	Wu et al., "Convenient Procedure for the Preparation of Specific Mixed DNA-RNA Polymers," <u>J. Am. Chem. Soc.</u> 111:8531-8533 (1991)
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DS	*	6,005,087	12/21/99	Cook et al.			

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